

Mineral Industry Surveys

For information, contact:

Donald W. Olson, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7721, Fax: (703) 648-7975
E-mail: dolson@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975
E-mail: vharper@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN FEBRUARY 2004

Producers mined 1.26 million metric tons (Mt) of gypsum in February 2004 (table 1). Output was 7% less than that of January 2004, and 6% less than that of February 2003. Synthetic gypsum production was 668,000 metric tons (t) in February 2004 (table 1), which was slightly more than that of January 2004 and 4% more than that of February 2003. Synthetic gypsum production increased over that of 2002, owing to new synthetic-gypsum-sourced wallboard plants that came online in 2003. Both mined and synthetic gypsum are used as raw material for wallboard. During January 2004, synthetic gypsum accounted for 0.66 Mt, or about 24%, of the 2.76 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 344,000 t (table 2), slightly more than that of January 2004 and 28% less than that of February 2003.

Output of calcined gypsum for February (table 1) was 1.75 Mt, 7% less than that of January 2004 and 5% more than that of

February 2003. Sales of board products were about 2.6 billion square feet (242 million square meters), about the same as that of January 2004 and 4% more than that of February 2003.

Import and export data for February 2004 were not available at the time of publication. Imports of crude gypsum in January 2004 were 761,000 t (table 3), 8% less than that of December 2003, and 37% more than that of January 2003. Gypsum wallboard imports, principally from Canada, for January 2004 were 48,000 t, equivalent to 57 million square feet (5.3 million square meters). These imports were 4% less than that of December 2003 and 41% more than those of January 2003. Wallboard exports to 27 countries and territories in January 2004 were 7,600 t, equivalent to 9.1 million square feet (846,000 square meters). These exports were 117% more than those of December 2003 and 162% more than those of January 2003.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2004			2003
	February	January	January-February	January-February
Crude:				
Mined ³	1,260,000	1,350,000	2,610,000	2,890,000
Imported ⁴	NA	761,000	NA	1,030,000
Exported ⁴	NA	13,100	NA	31,500
Synthetic gypsum ⁵	668,000	661,000	1,330,000	1,320,000
Total supply	NA	2,760,000	NA	5,210,000
Calcined:				
Produced	1,750,000	1,880,000	3,630,000	3,440,000
Imported ⁶	NA	475	NA	671
Exported ⁶	NA	13,200	NA	21,000
Total supply	NA	1,860,000	NA	3,420,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2004			2003
	February	January	January-February	January-February
Uncalcined: ³				
Portland cement	215,000	216,000	431,000	539,000
Agriculture and miscellaneous	129,000	127,000	255,000	435,000
Total	344,000	343,000	686,000	974,000
Calcined:				
Board products ⁴	2,180,000	2,200,000	4,380,000	4,280,000
Plaster	12,800	12,700	25,500	53,800
Total	2,190,000	2,210,000	4,400,000	4,330,000
Board products: (Thousand square feet) ⁵				
Regular board	1,610,000	1,630,000	3,230,000	3,130,000
Type X board	769,000	769,000	1,540,000	1,530,000
Other	237,000	242,000	479,000	468,000
Total supply	2,610,000	2,640,000	5,250,000	5,140,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2004	2003	
	January	December	January
Canada	506,000	502,000	371,000
Costa Rica	--	122	--
Mexico	168,000	211,000	100,000
Spain	87,300	117,000	84,300
Sweden	--	--	2
United Kingdom	1	--	--
Total	761,000	830,000	555,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1, 2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2002:				
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	2,090	1,550	555	16
February	1,810	1,340	478	16
March	1,670	1,010	668	12
April	1,990	1,350	663	14
May	1,990	1,410	594	11
June	1,950	1,340	623	12
July	2,240	1,380	875	16
August	2,150	1,320	834	12
September	2,120	1,440	696	15
October	2,210	1,510	713	13
November	2,070	1,310	766	13
December	2,120	1,300	830	17
January-December	24,400	16,300	8,300	167
2004:				
January	2,100	1,350	761	13
February	NA	1,260	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGION^{1, 2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2004:											
February:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	21,300	2,650	7,610	812	8,500	20	90	275	1,510	87	42,900
Sheathing	1,130	3,650	3,550	5,060	11,600	2,270	10,600	5,640	7,190	1,170	51,800
Regular gypsum board	40,200	137,000	209,000	106,000	455,000	112,000	195,000	158,000	171,000	25,500	1,610,000
Type X gypsum board	23,400	76,200	112,000	59,300	128,000	27,900	82,200	93,000	161,000	6,940	769,000
Predecorated board	190	533	758	480	1,290	367	672	299	521	69	5,180
5/16 Mobile home board	--	363	4,510	--	8,440	9,820	6,020	693	807	--	30,600
Water/moisture resistant board	4,980	18,600	14,100	6,190	21,800	4,390	10,300	8,760	14,000	2,970	106,000
Total	91,100	239,000	351,000	177,000	635,000	157,000	305,000	267,000	356,000	36,700	2,610,000
January- February:											
Lath	--	--	--	--	--	--	--	--	--	--	--
Veneer base	40,800	5,550	15,800	1,800	18,300	43	132	540	2,940	134	86,000
Sheathing	2,510	6,360	7,460	10,000	23,400	4,660	22,400	11,200	14,700	2,170	105,000
Regular gypsum board	80,900	272,000	423,000	226,000	905,000	227,000	403,000	302,000	339,000	55,700	3,230,000
Type X gypsum board	45,900	150,000	222,000	126,000	253,000	54,300	172,000	182,000	318,000	15,300	1,540,000
Predecorated board	458	1,080	1,660	949	2,370	693	1,460	682	1,170	104	10,700
5/16 Mobile home board	--	1,710	8,530	16	17,200	20,000	12,800	1,530	1,920	36	63,700
Water/moisture resistant board	9,850	36,300	29,800	13,000	43,900	9,040	21,500	16,600	27,200	5,960	213,000
Total	180,000	473,000	709,000	377,000	1,260,000	316,000	633,000	515,000	705,000	79,400	5,250,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals show

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet

Source: Gypsum Association.